

TABLE 3
MCM 3 PROGRAMS - ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

| ID | Program | Permit Part | Audience | Target Pollutant | Objective | Measurable Goal | Milestone Date | Description | Reasons for Selection | Person Responsible | Measure of Success | Documentation |
|-----|-----------------------------------|---|---------------|------------------|--|---|-----------------------|--|--|--------------------|---|--|
| 3.1 | Storm Water System Facilities Map | 4.2.3.1 4.2.3.3.2 4.2.5.7 4.2.5.7.1 4.2.5.7.2 | All Audiences | All pollutants | Update and maintain a current storm water facilities map | 1) Map all outfalls | 11/15/2015 (Complete) | All outfalls will be located by 1) reviewing existing storm water system mapping, 2) walking along the receiving water body to identify any new unknown outfalls, and 3) updating map of outfalls using GIS. | Knowing the location of the storm water system and the type of development near them is the first step in protecting the storm water system and receiving water bodies from pollution sources. | Program Manager | Update and maintain storm water system facilities map with latest revision date and status of mapping | Priority Areas, Outfalls and Storm Water Facilities (GIS Database) |
| | | | | | | 2) Map all city-owned or operated and existing private storm water post-construction structural controls that have been installed since January 1, 2003 | 5/1/2016 (Complete) | The city-owned or operated post-construction structural controls (not yet mapped) and private storm water post-construction structural controls for development installed since January 1, 2003, will be mapped by locating and reviewing construction drawings for developments and adding the location and ownership information into the City's GIS mapping. | | | | |
| | | | | | | 3) Verify existing public storm water system in preparation for a Storm Drain Master Plan Update | 8/1/2018 | Sandy City currently maintains a map of the storm water system in GIS format, in the NAD 83 Utah Central State Plan coordinate system. The system mapping will be reviewed and updated to match current system inventory. The system will be updated by 1) reviewing outfall map and tributary storm water systems, 2) reviewing mapping with drainage field crews and identifying areas where system mapping is incorrect or missing information, 3) locate and review available maps of locations where information is incorrect or missing, 4) perform field reconnaissance and video to identify system information where mapping is unavailable, and 5) map additional areas using GIS. | | | | |
| | | | | | | 4) Maintain current storm water facilities map by logging updates | Ongoing | Any updates to the storm water system will be mapped in GIS. After construction is complete, drawings will be provided to the Public Utilities GIS Coordinator. New City-owned or maintained storm drain facilities will be surveyed and flow lines will be measured and added to the GIS system mapping. Private storm water post-construction structural controls will be added to the mapping based on drawings. | | | | |

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| 3.2 | City Ordinances | 4.2.3.2 4.2.3.2.1 | Engineers, Construction Contractors, Developers, Planners, and MS4 Personnel | All pollutants | Make necessary revisions to meet new permit requirements | 1) Revise the storm water ordinance to include the descriptor "emergency" when exempting fire fighting flows or discharges and remove language that allows for non-storm water discharges not specifically provided for in the permit | 7/1/2015 (Complete) | Sandy City has an ordinance in place which is Title 17, Storm Water Ordinance. The City will review the existing storm water ordinance and other pertinent ordinances and make necessary revisions to conform to the new permit requirements in order to effectively prohibit non-storm water discharges, require removal of such discharges, and implement appropriate enforcement procedures and actions. | Ordinance specifically for MS4 regulations is necessary to create and enforce the programs. | Program Manager | Updated ordinances that conform with new permit requirements | Storm Water Ordinance (Utility Ordinance Webpage) |
| 3.3 | Storm Water Monitoring | 4.2.3.3 4.2.3.3.1 4.2.3.3.2 4.2.3.4 4.2.3.5 4.2.3.5.1 4.2.3.6 4.2.3.6.1 4.2.3.7 4.2.3.10 5.3 5.4 | MS4 Personnel | All non storm water discharges | Reduce storm water pollution by detecting and eliminating pollution sources | 1) Prioritize receiving waters, identify priority areas likely to have illicit discharges, and identify priority area inspection points | 6/1/2015 (Complete) | Sandy City will monitor the storm water system through IDDE SOPs. The SOPs will define procedures for tracing illicit discharges, removing illicit discharges, outfall inspections, priority area inspections, and employee training on identifying illicit discharges. The SOPs will be updated to be tailored to both the permit requirements and the role of responsible entities. | The storm water monitoring program is necessary to maintain standard policies, procedures, and documentation to detect and climate pollution sources. | Storm Water Quality Coordinator | Maintain an inventory of priority receiving waters and areas and inspection points | Priority Areas and Inspection Points/Outfalls Map (Storm Water - SWMP Webpage) |
| | | | | | | 2) Develop and implement updated IDDE SOPs | 5/15/2015 (Ongoing) | | | | SOPs updated and implemented | IDDE SOPs (Storm Water - SWMP Webpage) |
| | | | | | | 3) Inspect 20% of MS4 priority areas each year | Ongoing | | | | Maintain a log of storm water monitoring | Illicit Discharge Inspections and Tracking (Cityworks) |
| | | | | | | 4) Inspect 20% of MS4 outfalls each year | | | | | Maintain a log of inspected outfalls | |
| | | | | | | 5) Track reported illicit discharges | | | | | Maintain a database for mapping, tracking number and type of spills or dumping, and inspections conducted of illicit discharge reports | |
| | | | | | | 6) Track illicit discharge investigations | | | | | Maintain a log of illicit discharge investigations | |

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| 3.4 | Emergency Spill or Illegal Dumping | 4.2.3.9 4.2.3.9.1 4.2.3.10 5.3 5.4 | All Audiences | All non storm water discharges | Publicize hotline and implement online reporting of spills and other illicit discharges and respond to reports | 1) Receive reporting calls and message to call Health Department after hours | Ongoing | The reporting number is posted on the City storm water website and is promoted through public and MS4 training. | The City desires to have a standard procedure for responding to emergency spills and illegal dumping. | Storm Water Quality Coordinator | Maintain log of reporting calls and reports made online | Calls Received and Online Reporting (Cityworks) |
| | | | | | | 2) Set up online system for reporting illicit discharges | 6/15/2016 (Complete) | Set up online system for public to report illicit discharges. | | | | |
| | | | | | | 3) Develop and implement a Receive Report and Response SOP and a Spill Containment and Cleanup SOP | 5/15/2015 (Ongoing) | The City will develop and implement an SOP that shows a procedure for responding to public referrals of illicit discharges, responsible agencies and contacts, and who will be involved in illicit discharge incidence response. | | | SOPs developed and implemented | Receive Report and Response and Spill Containment and Cleanup SOPs (Storm Water - SWMP Webpage) |
| 3.5 | Household Hazardous Waste and Disposal | 4.2.3.8 | All Audiences | All non storm water discharges | Promote collection of household hazardous waste. Sandy City will direct to appropriate disposal facility. | 1) Continue to direct residents to appropriate disposal facility for antifreeze, batteries, motor oil, and paint. | Ongoing | Sandy City promotes the collection of household hazardous waste at Trans-Jordan Landfill, and Salt Lake Valley County Health Department Household Hazardous Waste Facility. The Sandy City Public Works A.B.O.P. is CLOSED UNTIL FURTHER NOTICE (see website for further information). https://sandy.utah.gov/departments/public-works/household-hazardous-waste | This is a permit requirement. Sandy City has used the A.B.O.P. program in the past but it is temporarily closed. The program may start again once the new Public Works facility is completed. | Public Works Director | Maintain information on the Sandy City website directing residents to proper disposal facility. | Household Hazardous Waste and Disposal (Public Works Department Webpage) |